



## ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-883-9415

International Specialists in the Environment

### EXECUTIVE SUMMARY

1LD 02003 8089  
103RD STREET TRANSFER STATION  
103RD STREET AND DOTY AVENUE  
CHICAGO, IL 60628

The 103rd Street Transfer Station is located north of Lake Calumet in an industrial park. This facility is active and has been in operation since 1980. This site operates as a receiving station for garbage trucks. The waste is weighed and dumped into a concrete area inside the Transfer Station building. The waste is then sent to a landfill in semi-trailer trucks. All the refuse is removed and transferred by the end of the day.

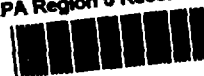
The only waste handled at this facility is general household refuse. No hazardous wastes have been known to be accepted. The Station receives approximately 125-150 truck loads of waste per day. In 1985, approximately 159,315 tons of refuse was accepted.

The site operates Monday through Friday from 7:00 a.m. until 11:00 p.m. and the building is kept locked during inoperative hours.

This area was formerly the Calumet Incinerator, which operated from 1959 to 1979. Operations consisted of burning general household refuse and transferring the trash to a landfill. Approximately 200 tons of refuse was incinerated per year. This was an old batch heat incinerator, which was closed in 1979 by the city of Chicago because air quality standards could not be met.

The area within the three mile radius receives potable water from Lake Michigan, with intakes greater than 3 miles from the site. In addition, there are no private groundwater wells located within the three mile radius. Based on available information on site conditions and a low targeted population, no further action is recommended for F.I.T. activities.

EPA Region 5 Records Ctr.



283202



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

IL 002 003 8089

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)

103<sup>rd</sup> Street Transfer Station

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

103<sup>rd</sup> Street and Doty Avenue

03 CITY

Chicago

04 STATE

05 ZIP CODE

06 COUNTY

IL

60628

COOK

07 COUNTY

08 CONG DIST

031

02

09 COORDINATES

LATITUDE

LONGITUDE

41°42'30"0

087°35'00"0

Lake Calumet, IL. Quadrangle

10 DIRECTIONS TO SITE (Starting from nearest public road)

I-94 Calumet Expressway South. Exit on 103<sup>rd</sup> Street. East on 103<sup>rd</sup> Street to Doty Avenue. Site is located on the south side of 103<sup>rd</sup> Street.

III. RESPONSIBLE PARTIES

01 OWNER (if known)

City of Chicago

02 STREET (Business, mailing, residential)

121 N. LaSalle Street

03 CITY

Chicago

04 STATE

05 ZIP CODE

06 TELEPHONE NUMBER

IL

60601

(312) 744-5000

07 OPERATOR (if known and different from owner)

Waste Management of Illinois, Inc.

08 STREET (Business, mailing, residential)

7300 W. College Drive, P.O. Box 563

09 CITY

Palos Heights

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

IL

60463

(312) 361-4010

13 TYPE OF OWNERSHIP (Check one)

☐ A. PRIVATE ☐ B. FEDERAL

☐ C. STATE

☐ D. COUNTY

☒ E. MUNICIPAL

☐ F. OTHER:

(Specify)

☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: MONTH DAY YEAR

☐ B. UNCONTROLLED WASTE SITE (RCRA 103(c))

DATE RECEIVED: MONTH DAY YEAR

☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☐ YES

DATE

MONTH DAY YEAR

☒ NO

02 BY (Check all that apply)

☐ A. EPA

☐ B. EPA CONTRACTOR

☐ C. STATE

☐ D. OTHER CONTRACTOR

☐ E. LOCAL HEALTH OFFICIAL

☐ F. OTHER:

(Specify)

CONTRACTOR NAME(S):

02 SITE STATUS (Check one)

☒ A. ACTIVE

☐ B. INACTIVE

☐ C. UNKNOWN

03 YEARS OF OPERATION

1980

Present

☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

None

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

None

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH

(Inspection required promptly)

☐ B. MEDIUM

(Inspection required)

☐ C. LOW

(Inspect on time available basis)

☐ D. NONE

(No further action needed. Complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT

Cliff Gould

02 OF (Agency/Organization)

IEPA/DLPL

03 TELEPHONE NUMBER

(312) 345-9700

04 PERSON RESPONSIBLE FOR ASSESSMENT

Kelly Walker

05 AGENCY

U.S. EPA

06 ORGANIZATION

Ecology and Environment

07 TELEPHONE NUMBER

(312) 663-9415

08 DATE

01.07.86

MONTH DAY YEAR

IL



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE IL 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION  
03 POPULATION POTENTIALLY AFFECTED: 0

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

Household refuse is contained within the transfer station building in a concrete area. There are no private wells located within the 3-mile radius.

01 ☐ B. SURFACE WATER CONTAMINATION  
03 POPULATION POTENTIALLY AFFECTED: 0

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

Household refuse is contained within the transfer station building in a concrete area. Surface water intakes in Lake Michigan serving the 3-mile radius are located outside the 3-mile radius.

01 ☐ C. CONTAMINATION OF AIR  
03 POPULATION POTENTIALLY AFFECTED: N/A

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

N/A

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS  
03 POPULATION POTENTIALLY AFFECTED: N/A

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

N/A

01 ☐ E. DIRECT CONTACT  
03 POPULATION POTENTIALLY AFFECTED: 0

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

None documented. Transfer Station building is kept locked when the facility is not in operation.

01 ☐ F. CONTAMINATION OF SOIL  
03 AREA POTENTIALLY AFFECTED: N/A  
(Acres)

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

N/A The household refuse is contained within the transfer station building in a concrete area.

01 ☐ G. DRINKING WATER CONTAMINATION  
03 POPULATION POTENTIALLY AFFECTED: 0

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

See Sections A and B above.

01 ☐ H. WORKER EXPOSURE/INJURY  
03 WORKERS POTENTIALLY AFFECTED: N/A

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

None documented.

01 ☐ I. POPULATION EXPOSURE/INJURY  
03 POPULATION POTENTIALLY AFFECTED: N/A

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

None documented. No hazardous wastes are known to have been accepted. Site only accepts general household refuse.



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International Specialists in the Environment

### M E M O R A N D U M

DATE: June 6, 1986  
TO: File  
FROM: Robert Hingtgen *R.H.*  
SUBJECT: Illinois/R05-8603-20/IL0431  
Chicago/103rd Street Transfer Station  
ILD020038089

The 103rd Street Transfer Station is located just south of 103rd street near Interstate 94. The area of this property is approximately 46 acres. The owner of the site is the City of Chicago and Waste Management of Illinois has operated the transfer facilities since 1980. Before this facility became a transfer station it was Calumet Incinerator, which operated from 1959 to 1979. During this time period domestic refuse was brought to the incinerator and burned or taken to a landfill. Incineration ceased in 1979 under direction of the City of Chicago as air quality standards were not met.

Since 1980 the facility has been operated as a transfer station only. Approximately 125 to 150 truck loads of household refuse are received each day. The waste is weighed and dumped in a concrete area inside the transfer station. Semi-trailer trucks then haul the waste to landfills. All waste accepted is transferred by the end of the day. Waste is not stored in the facility overnight, and the building is kept locked overnight. The handling of hazardous waste does not, and has not been known to occur here.

As there is no record of hazardous waste being handled or disposed at this facility, all route scores in the HRS model are zero since the total waste characteristics factors will be zero. Thus the site migration score is zero and an HRS scoring package will not be submitted for this site.

06V:5X



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

IL 1020038089

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)

103<sup>rd</sup> Street Transfer Station ~~103<sup>rd</sup> Street Transfer Station~~

03 CITY

Chicago

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

04 STATE

05 ZIP CODE

06 COUNTY

07 COUNTY CODE

08 CONG DIST

IL

60628

COOK

051

02

09 COORDINATES

LATITUDE

LONGITUDE

41°42'30".0

087°35'00".0

Lake Calumet, IL. Quadrangle

10 DIRECTIONS TO SITE (Starting from nearest public road)

I-94 Calumet Expressway South. Exit on 103<sup>rd</sup> Street. East on 103<sup>rd</sup> Street to Doty Avenue. Site is located on the south side of 103<sup>rd</sup> Street.

III. RESPONSIBLE PARTIES

01 OWNER (if known)

City of Chicago

02 STREET (Business, mailing, residential)

121 N. LaSalle Street

03 CITY

Chicago

04 STATE

05 ZIP CODE

06 TELEPHONE NUMBER

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60601

(312) 744-5000

07 OPERATOR (if known and different from owner)

Waste Management of Illinois, Inc.

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7300 W. College Drive, P.O. Box 563

09 CITY

Palos Heights

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

IL

60463

(312) 361-4010

13 TYPE OF OWNERSHIP (Check one)

☐ A. PRIVATE ☐ B. FEDERAL:

(Agency name)

☐ C. STATE

☐ D. COUNTY

☒ E. MUNICIPAL

☐ F. OTHER:

(Specify)

☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: MONTH DAY YEAR

☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 d) DATE RECEIVED: MONTH DAY YEAR

☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☐ YES

DATE

MONTH DAY YEAR

☒ NO

BY (Check all that apply)

☐ A. EPA

☐ B. EPA CONTRACTOR

☐ C. STATE

☐ D. OTHER CONTRACTOR

☐ E. LOCAL HEALTH OFFICIAL

☐ F. OTHER:

(Specify)

CONTRACTOR NAME(S):

02 SITE STATUS (Check one)

☒ A. ACTIVE

☐ B. INACTIVE

☐ C. UNKNOWN

03 YEARS OF OPERATION

1980

Present

☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

None

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

None

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH

(Inspection required promptly)

☐ B. MEDIUM

(Inspection required)

☐ C. LOW

(Inspect on time available basis)

☐ D. NONE

(No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT

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08 DATE

01/07/86  
MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

IL

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

None documented.

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

None documented.

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills/runoff/leaking drums/leaking drums)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 0

04 NARRATIVE DESCRIPTION

Household refuse is dumped and contained within the transfer station building in a concrete area.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

None documented.

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

None documented.

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

None documented.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

None.

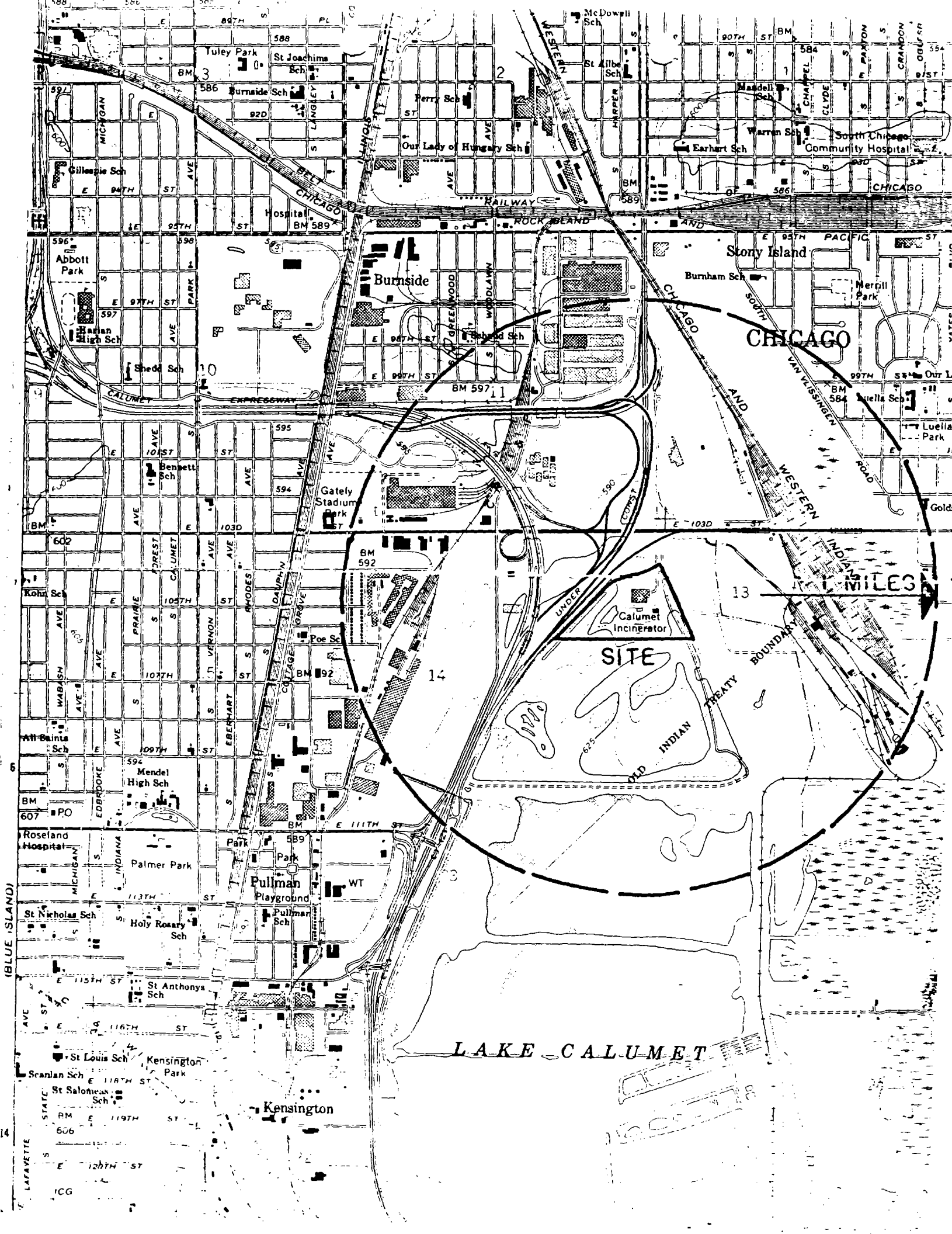
III. TOTAL POPULATION POTENTIALLY AFFECTED: 0

IV. COMMENTS

This site only accepts general household refuse, which is contained within the transfer station building in a concrete area. No hazardous wastes are accepted.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

See attached Source Sheets.





## PA DOCUMENTATION SHEET

 SITE 103<sup>rd</sup> St. Transfer Station  
 IDENTIFICATION NUMBER \_\_\_\_\_

SOURCE NUMBER	DESCRIPTION OF SOURCE
1A, 1B, 1C, 1D	1A) QUAD NAME <u>Lake Calumet, IL</u> 1B) QUAD NAME <u>Blue Island, IL</u> SIZE: <u>(7.5)</u> of 15 SIZE: <u>(7.5)</u> of 15 YEAR <u>1973</u> YEAR <u>1973</u> 1C) QUAD NAME _____ 1D) QUAD NAME _____ SIZE: 7.5 of 15 SIZE: 7.5 of 15 YEAR _____ YEAR _____
2.	Letter from John Evans, IEPA, to Tom Cavanagh, IEPA, July 3, 1980, pre-developmental inspection of Waste Transfer 103 <sup>rd</sup> Street.
3.	Application for an Operating Permit, April 8, 1983.
4.	Letter from Larry W. Easter, IEPA to Mr. Dan Nelson, Waste Management, Inc. and Mr. John L. Donovan, City of Chicago, May 9, 1983, Permit for 103 <sup>rd</sup> Street Transfer.
5.	Illinois Travel and Leisure Guide.
6.	Phone call by Sue Ryan, E&E to Mr. Stoney Monestere, Calumet City Water Superintendent, June 20, 1985, (312) 891-8155.

## PA DOCUMENTATION SHEET

SITE 103rd St. Transfer  
IDENTIFICATION NUMBER \_\_\_\_\_

SOURCE NUMBER	DESCRIPTION OF SOURCE
7.	Phone call by Sue Ryan, E & E, to Mr. Adduci, City of Chicago Water Dept., Nov. 27, 1985, (312) 744-7001.
8.	Phone call by Sue Ryan, E & E, to Ralph Falkerfall, City of Chicago Water Dept., July 16, 1984, (312) 744-7001.
9.	Phone call by Ruth Ann Jacquette, E & E, to Jerry Larsen, Chief Filtration Engineer, Chicago Water Dept., 12/23/85, (312) 744-5696.
10.	Endangered Species List, U.S. Fish and Wildlife Manual, Great Lakes Region.
11.	Letter to Mike McCarin and Randal Ekstrom, E & E from Fish and Wildlife Service, Rock Island Field Office, April 30, 1985.
12.	Environmental Assessment, SCA, Chemical Services Company, Hazardous Waste Management Facility, Chicago/Lake Calumet, November 11, 1980.

## PA DOCUMENTATION SHEET

SITE 103rd St. Transfer  
IDENTIFICATION NUMBER

[illegible]